

INTERNATIONAL SEARCH REPORT

International Application No

PCT/IB2005/050118

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 G06F1/28 G06F1/32 H04L29/08

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 G06F H04L

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ, WPI Data, IBM-TDB

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	<p>US 2003/229813 A1 (SHIYAMA HIROTAKE)</p> <p>11 December 2003 (2003-12-11)</p> <p>figures 1-5, 11, 12</p> <p>paragraphs '0008! - '0013!</p> <p>paragraphs '0036! - '0038!, '0040! -</p> <p>'0044!, '0047!, '0048!, '0050!, '0058!</p> <p>paragraphs '0064! - '0084!</p> <p>paragraphs '0093!, '0097! - '0099!</p> <p>paragraphs '0105!, '0107!, '0108!</p> <p>paragraph '0112!</p> <p>paragraphs '0117!, '0122!</p> <p>paragraphs '0133!, '0143!</p> <p>paragraphs '0152!, '0154!, '0156! -</p> <p>'0160!</p> <p>paragraphs '0172!, '0174!, '0177!</p> <p>paragraph '0181!</p> <p>paragraph '0185!</p> <p>paragraphs '0230!, '0231!</p> <p>-----</p> <p>-/--</p>	1-23



Further documents are listed in the continuation of box C.



Patent family members are listed in annex.

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- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

T later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

Y document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

Z document member of the same patent family

Date of the actual completion of the international search

19 April 2005

Date of mailing of the international search report

02/05/2005

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 2003/142087 A1 (SHIOTSU SHINICHI ET AL) 31 July 2003 (2003-07-31) cited in the application figures 1,5 paragraphs '0011! - '0029! paragraph '0051! paragraphs '0058! - '0060! paragraphs '0071!, '0075! -----	1,15-17, 23
A	EP 1 139 205 A (INTERNATIONAL BUSINESS MACHINES CORPORATION) 4 October 2001 (2001-10-04) paragraphs '0006!, '0007! paragraphs '0026!, '0027!, '0030!; figure 4 paragraphs '0032!, '0034!; figure 5 -----	1,15-17, 23

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Information on patent family members

Intern:

Application No

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US 2003229813 A1	11-12-2003	JP 2004015634 A JP 2004040457 A	15-01-2004 05-02-2004
US 2003142087 A1	31-07-2003	JP 2003219296 A	31-07-2003
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